SIEMENS

Data sheet

6GK5204-2BC00-2AF2

Product type designation



SCALANCE XF204-2

SCALANCE XF204-2, FLAT, MANAGED IE SWITCH, 4 X 10/100MBIT/S RJ45 PORTS, 2 X 100MBIT/S FO PORTS, FAULT SIGNAL CONTACT WITH SET- BUTTON, REDUNDANT POWER SUPPLY, PROFINET-IO DEVICE, NETWORKMANAGEMENT, RED.- MANAGER INTEGRATED, INCL. MANUAL ON CD, C-PLUG OPTIONAL

Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces	
Number of electrical/optical connections	
• for network components or terminal equipment	6
/ maximum	
Number of electrical connections	
 for network components or terminal equipment 	4
Type of electrical connection	
 for network components or terminal equipment 	RJ45 port
Number of optical interfaces	
 for fiber optic cable / at 100 Mbit/s 	2
Design of the optical interface	
 for fiber optic cable / at 100 Mbit/s 	BFOC port (multimode up to 5 km)
Connectable optical power relative to 1 mW	
 of the transmitter output 	-1914
Optical sensitivity relating to 1 mW / of the receiver	-34 dB
input / minimum	
Damping ratio / of the FOC transmission link /	0 dB
minimum necessary	
Range / at the optical interface / depending on the	0 5 km
optical fiber used	

Interfaces / for communication / integrated

Number of 100 Mbit/s ST(BFOC) ports / for	2
multimode	2
Number of 100 Mbit/s SC ports / for multimode	0
Number of 1000 Mbit/s LC ports / for multimode	0
Interfaces / others	
Number of electrical connections	1
• for signaling contact	
• for power supply	1
for redundant voltage supply	1
Type of electrical connection	
for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
Signal-Inputs/outputs	
Operating voltage / of the signaling contacts	
• for DC / Rated value	24 V
Operating current / of the signaling contacts	
• for DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external	18 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	1.1 A / 33 V
Consumed current / maximum	0.22 A
Active power loss	
• for DC / at 24 V	5.28 W
• for DC / at 24 V	5.28 W
·	5.28 W
• for DC / at 24 V Permitted ambient conditions	5.28 W -40 +60 °C
• for DC / at 24 V Permitted ambient conditions Ambient temperature	
• for DC / at 24 V Permitted ambient conditions Ambient temperature • during operation	-40 +60 °C
 for DC / at 24 V Permitted ambient conditions Ambient temperature during operation during storage 	-40 +60 °C -40 +70 °C
• for DC / at 24 V Permitted ambient conditions Ambient temperature • during operation • during storage • during transport	-40 +60 °C -40 +70 °C -40 +70 °C If the IE switch XF 200 is installed horizontally a maximum
 for DC / at 24 V Permitted ambient conditions Ambient temperature during operation during storage during transport Note 	-40 +60 °C -40 +70 °C -40 +70 °C If the IE switch XF 200 is installed horizontally a maximum
 for DC / at 24 V Permitted ambient conditions Ambient temperature during operation during storage during transport Note Relative humidity at 25 °C / without condensation / during 	-40 +60 °C -40 +70 °C -40 +70 °C If the IE switch XF 200 is installed horizontally a maximum ambient temperature of +40 °C is permitted

Design	Flat
Width	75 mm
Height	125 mm
Depth	73 mm
Net weight	0.25 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
wall mounting	No
S7-300 rail mounting	No
 S7-1500 rail mounting 	No
Product properties, functions, components / general	

Product properties, functions, components / genera	
Cascading in the case of a redundant ring / at	100
reconfiguration time of <\~0.3\~s	
Cascading in cases of star topology	Any (depending only on signal propagation time)

Product functions / management, configuration	
Product function	
• CLI	Yes
 web-based management 	Yes
MIB support	Yes
• TRAPs via email	Yes
 Configuration with STEP 7 	Yes
Port mirroring	Yes
 multiport mirroring 	No
with IRT / PROFINET IO switch	No
 PROFINET IO diagnosis 	Yes
• switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
Identification & maintenance function	
 I&M0 - device-specific information 	Yes
 I&M1 – higher-level designation/location designation 	Yes
Protocol / is supported	
• SNMP v1	Yes

Product functions / Diagnosis Product functions / Diagnosis Product function Port diagnostics Statistics Packet Size Statistics Packet Size Statistics Product functions / DHCP Product functions / DHCP Product functions / Redundancy Product functions / Redundancy Product functions / Redundancy Product functions / Redundancy Protocol (HRP) Shigh speed redundancy protocol (HRP) with redundancy manager Shigh speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Media redundancy protocol (MRP) with redundancy manager Product function Media redundancy protocol (MRP) with redundancy manager Product function Media redundancy protocol (MRP) with redundancy manager Product functions / Security Protocol / is supported SSH Product functions / Time Product functions / Time Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SITE STANDARD For FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 For hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4,	• SNMP v2	Yes	
Product functions / Diagnosis Product function Product function Product functions Statistics Packet Size Statistics packet type Error statistics Product functions / DHCP Product functions / DHCP Product functions / Redundancy Protocol / Sis supported / Media Redundancy Protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Product functions Product functions / Security Protocol / is supported SSH Yes Product functions / Security Protocol / is supported No SICLOCK support Yes Protocol / is supported No SICLOCK support Protocol / is supported No Protocol / is supported No SICLOCK support No SICLOC			
Product function Port diagnostics Statistics Packet Size Statistics packet type Froduct functions / DHCP Product functions / DHCP Product function DHCP client Product function Product functions / Security Product functions / Secu	• GIAINII VS	166	
Port diagnostics Statistics Packet Size Statistics packet type Froduct functions / DHCP Product functions / DHCP Product functions / Pedundancy Product function Ning redundancy High Speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with standby redundancy protocol (MRP) with redundancy manager protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy manager passive listening Product functions / Security Protocol / is supported SSH Yes Product functions / Time Product function SICLOCK support Protocol / is supported NO SSTP Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 FM 60079-0; 2006, EN60079-16: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X			
Statistics Packet Size Statistics packet type Froduct functions / DHCP Product function DHCP client Product function DHCP client Product function DHCP client Product function Product function Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol (HRP) with standby redundancy Protocol / Is supported / Media Redundancy Protocol / Wes Product function MRP) Product function Product function Standard Standard Frotocol / is supported Protocol / is supported Protocol / is supported SSH Product functions / Security Protocol / is supported Protocol / is supported SSH Product functions / Security Protocol / is supported SSH Product functions / Security Protocol / is supported SSH Product functions / Security Protocol / is supported SSH Product functions / Time Product functions / Time Product functions / Security Protocol / is supported SSH Protocol / is supported SSH Product functions / Time Product functions / Time Product functions / Time Product functions / Security Protocol / is supported SSH Product functions / Time Prod	Product function		
Statistics packet type Error statistics Product functions / DHCP Product function DHCP client Product functions / Redundancy Product functions / Redundancy Product function Ring redundancy High Speed Redundancy Protocol (HRP) High Speed redundancy protocol (HRP) with redundancy manager high speed redundancy Protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Media redundancy protocol (MRP) with redundancy manager Protocol / is supported / Media Redundancy Protocol (MRP) Product function Media redundancy protocol (MRP) with redundancy manager Passive listening Yes Protocol / is supported SSH Product functions / Security Protocol / is supported SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support Protocol / is supported NTP SICLOCK support SICLOCK suppor	Port diagnostics	Yes	
Error statistics Froduct functions / DHCP Product function DHCP client Product function Ring redundancy High Speed Redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Product functions / Security Product functions / Security Product functions / Security Product function / Sic Supported SSH Product functions / Time Product function / Sic Supported No SICLOCK support Protocol / is supported NTP SICLOCK support No SICLOCK support Protocol / is supported NO NO SICLOCK support NO SICLOCK s	 Statistics Packet Size 	Yes	
Product functions / DHCP Product function • DHCP client Product function • Ring redundancy Product function • Ring redundancy • High Speed Redundancy Protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product function / SiCLOCK support Protocol / is supported • NTP • NN • SICLOCK supported • NTP • SNTP Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	 Statistics packet type 	Yes	
Product function • DHCP client Product functions / Redundancy Product function • Ring redundancy • High Speed Redundancy Protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy manager • high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product functions / Time Protocol / is supported • SICLOCK support • NTP • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • No OT ATEX 0145 X	• Error statistics	Yes	
Product functions / Redundancy Product function Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy manager Protocol / is supported SSH Product functions / Security Protocol / is supported SSH Yes Protocol / is supported SICLOCK support Protocol / is supported NTP No SICLOCK support Protocol / is supported NTP STRIP Protocol / is supported NTP STRIP Protocol / is supported NTP STRIP Standard For FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA (op is) IIC T4, KEMA 07 ATEX 0145 X	Product functions / DHCP		
Product functions / Redundancy Product function Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy protocol (MRP) Product function Prosive listening Product functions / Security Protocol / is supported SSH Product functions / Security Protocol / is supported SICLOCK support Protocol / is supported NNo SICLOCK support Protocol / is supported NNo SICLOCK support Protocol / is supported NNo SICLOCK support Protocol / is supported NNo SICLOCK support NNo SI	Product function		
Product function Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy protocol (MRP) Product function Product function Product functions / Security Protocol / is supported SSH Product functions / Security Product functions / Security Product functions / Time Product function SICLOCK support Protocol / is supported No SICLOCK support Protocol / is supported SICLOCK support No SICLOCK support Protocol / is supported No SICLOCK support Protocol / is supported No SICLOCK support Protocol / is supported SICLOCK support Protocol / is supported SICLOCK support No SICLOCK support No SICLOCK support Protocol / is supported SICLOCK support No SICLOCK support No SIC	DHCP client	Yes	
 Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy manager Passive listening Yes Product functions / Security Protocol / is supported SSH Yes Product functions / Time Product functions / Time Product function / SicLOCK support Yes Product functions / Time Protocol / is supported SICLOCK support NTP NO SNTP No SNTP Yes Standard for FM for FM for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X 	Product functions / Redundancy		
High Speed Redundancy Protocol (HRP) High Speed Redundancy Protocol (HRP) with redundancy manager High speed redundancy protocol (HRP) with redundancy manager High speed redundancy Protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Media redundancy protocol (MRP) with redundancy manager Passive listening Product functions / Security Protocol / is supported SSH Product functions / Time Product functions / Time Product functions / Time Product function SICLOCK support No SICLOCK support No SNTP Standards, specifications, approvals Standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Product function		
• high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product function • SICLOCK support • NTP • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Ring redundancy	Yes	
redundancy manager • high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product function • SICLOCK support • NTP • NNP • SNTP Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	 High Speed Redundancy Protocol (HRP) 	Yes	
standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • NO • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X		Yes	
Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Protocol / is supported • SSH Product functions / Time Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • NNO • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone Protocol / is supported • RM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X		No	
Product function • media redundancy protocol (MRP) with redundancy manager • Passive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • NO • SNTP No • SNTP Standards, specifications, approvals Standard • for FM • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Protocol / is supported / Media Redundancy Protocol	Yes	
redundancy manager Passive listening Product functions / Security Protocol / is supported SSH Product functions / Time Product function SICLOCK support Protocol / is supported NO NO SITP SINTP No SINTP Yes Standards, specifications, approvals Standard FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X			
redundancy manager Passive listening Product functions / Security Protocol / is supported SSH Product functions / Time Product function Product function SICLOCK support Protocol / is supported No SITP No SITP No SITP Standards, specifications, approvals Standard FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FM 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	media redundancy protocol (MRP) with	Yes	
Product functions / Security Protocol / is supported • SSH Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • NO • SNTP No • SNTP Standards, specifications, approvals Standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X			
Protocol / is supported • SSH Yes Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • SNTP No • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Passive listening	Yes	
Product functions / Time Product function SICLOCK support Protocol / is supported NTP SNTP No Standards, specifications, approvals Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Product functions / Security		
Product functions / Time Product function SICLOCK support Protocol / is supported NO SNTP No Yes Standards, specifications, approvals Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Protocol / is supported		
Product function SICLOCK support Protocol / is supported NO NO SNTP No SNTP Yes Standards, specifications, approvals Standard FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	• SSH	Yes	
SICLOCK support Protocol / is supported NO NO SNTP No Yes Standards, specifications, approvals Standard • for FM • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Product functions / Time		
Protocol / is supported • NTP • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Product function		
 NTP SNTP Yes Standards, specifications, approvals Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X 	 SICLOCK support 	Yes	
● SNTP Yes Standards, specifications, approvals Standard ● for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Protocol / is supported		
Standards, specifications, approvals Standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	• NTP	No	
Standard ● for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	• SNTP	Yes	
● for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Standards, specifications, approvals		
GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X	Standard		
T4, KEMA 07 ATEX 0145 X	• for FM	·	
	• for hazardous zone		
	• for safety / from CSA and UL		

• for hazardous zone / from CSA and UL	ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4	
for emitted interference	EN 61000-6-4:2001 (Class A)	
for interference immunity	EN 61000-6-2:2001	
Certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001	
• CE marking	Yes	
• C-Tick	Yes	
KC approval	Yes	
 Railway application in accordance with EN 50155 	No	
 Railway application in accordance with EN 50124-1 	No	
Marine classification association		
 American Bureau of Shipping Europe Ltd. (ABS) 	No	
Bureau Veritas (BV)	No	
Det Norske Veritas (DNV)	No	
Germanische Lloyd (GL)	No	
Lloyds Register of Shipping (LRS)	No	
Nippon Kaiji Kyokai (NK)	No	
Polski Rejestr Statkow (PRS)	No	
MTBF / at 40 °C	43.58 y	

Further Information / Internet Links

Internet-	link
1111611161-	

• to website: Selector SIMATIC NET SELECTION TOOL

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Image database

• to website: CAx Download Manager

• to website: Industry Online Support

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/automation/net/catalog

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

Security information

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Thirdparty products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

last modified:

05.03.2015